

George Wright
Chrome Deposit Corporation
6640 Melton Road
Portage, Indiana 46368

Re: 127-12257
Notice-only change to
MSOP 127-11699-00093

Dear George Wright:

Chrome Deposit Corporation was issued a permit on April 20, 2000 for operation of a stationary chromium electroplating source. A letter notifying the Office of Air Management of typographical errors was received on May 05, 2000. Pursuant to the provisions of 326 IAC 2-6.1-6 the permit is hereby revised as follows (with language added shown in bold and deleted in strikeout):

1. On Page 4, in condition A.2 (e) change "1984" to "1994". Condition A.2 (e) is changed as follows:
 - (e) Three (3) hot water boilers, constructed in ~~1984~~ **1994**, fired by natural gas, with associated heat exchangers, exhausting to stacks B1, B2 and B3, capacity: 0.413 million British thermal units per hour, each.
2. On Page 20, in condition D.1.10 (c) (1) (B) change "July" to "January". Condition D.1.10 (c) (1) (B) is changed as follows:
 - (B) Following the first year of reporting, the report shall be completed on a calendar year basis with the reporting period covering from ~~July~~ **January** 1 to December 31.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Gurinder Saini, at (800) 451-6027, press 0 and ask for Gurinder Saini or extension 3-0203, or dial (317) 233-0203.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments

GS

cc: File – Porter County
U.S. EPA, Region V
Porter County Health Department
Northwest Regional Office
Air Compliance Section Inspector - Dave Sampias
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

MINOR SOURCE OPERATING PERMIT OFFICE OF AIR MANAGEMENT

**Chrome Deposit Corporation
6640 Melton Road
Portage, Indiana 46368**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the emission units described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Operation Permit No.: MSOP 127-11699-00093	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: April 20, 2000
Notice Only Change: 127-12257	Pages Affected: 4, 20
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.2 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary chromium electroplating source.

Authorized Individual: George Wright
Source Address: 6640 Melton Road, Portage, Indiana 46368
Mailing Address: 6640 Melton Road, Portage, Indiana 46368
Phone Number: 219 - 763 - 1571
SIC Code: 3470
County Location: Porter
County Status: Nonattainment for Ozone
Attainment area for all other criteria pollutants
Source Status: Minor Source Operating Permit
Minor Source, under PSD and Emission Offset Rules;
Minor Source, Section 112 of the Clean Air Act

A.2 Emissions units and Pollution Control Equipment Summary

This stationary source is approved to operate the following emissions units and pollution control devices:

- (a) One (1) hard chrome plating tank, identified as Tank B, constructed prior to December 16, 1993 and reconstructed as preventive maintenance in 1999, using a hexavalent chromium bath and having a rectifier capacity of 15,000 amps and a maximum cumulative rectifier capacity of 88,200,000 amp-hours, equipped with an evaporator/cooler and a packed bed/ composite mesh pad scrubber as control, and exhausting to stack B.
- (b) One (1) hard chrome plating tank, identified as Tank C/D, constructed prior to December 16, 1993, using a hexavalent chromium bath and having a rectifier capacity of 30,000 amps and a maximum cumulative rectifier capacity of 176,400,000 amp-hours, equipped with an evaporator/cooler and a packed bed/ composite mesh pad scrubber as control, and exhausting to stack C/D.
- (c) Two (2) wash tanks, identified as Wash Tank B and Wash Tank C/D, using 250 pounds per hour of water and 5 pounds per hour of soap, constructed prior to December 16, 1993.
- (d) Two (2) spent wash water holding tanks, identified as Nos. 1 and 2, with associated atmospheric evaporators, exhausting to stacks WR#1 and WR#2.
- (e) Three (3) hot water boilers, constructed in 1994, fired by natural gas, with associated heat exchangers, exhausting to stacks B1, B2 and B3, capacity: 0.413 million British thermal units per hour, each.
- (f) One (1) forced air furnace, identified as 2FF, maximum heat input capacity: 0.117 million British thermal units per hour.

following schedule except as provided in paragraphs (c)(2).

- (A) The first report shall cover the period from the start-up date of the emissions units to December 31 of the year in which the emissions units begin operation.
 - (B) Following the first year of reporting, the report shall be completed on a calendar year basis with the reporting period covering from January 1 to December 31.
- (2) If either of the following conditions are met, semiannual reports shall be prepared and submitted to IDEM, OAM:
- (A) The total duration of excess emissions (as indicated by the monitoring data collected by the Permittee in accordance with 40 CFR 63.343(c)) is one percent (1%) or greater of the total operating time as defined in Condition D.1.8(b) for the reporting period; or
 - (B) The total duration of malfunctions of the add-on air pollution control device and monitoring equipment is five percent (5%) or greater of the total operating time as defined in Condition D.1.8(b).
- Once the Permittee reports an exceedance as defined above, Ongoing Compliance Status Reports shall be submitted semiannually until a request to reduce reporting frequency in accordance with 40 CFR 63.347(g)(2) is approved.
- (3) IDEM, OAM may determine on a case-by-case basis that the summary report shall be completed more frequently and submitted, or that the annual report shall be submitted instead of being retained on site, if these measures are necessary to accurately assess the compliance status of the source.